

AO 187 (Rev. 7/87) Exhibit and Witness List

UNITED STATES DISTRICT COURT
EASTERN DISTRICT OF TEXAS

Implicit, LLC

v.

NetScout Systems, Inc.

Implicit, LLC's Final Exhibit List

Case Number: 2:18-cv-0053-JRG

IMPLICIT, LLC vs. NetScout Systems, Inc. 2:18-cv-00053-JRG

PRESIDING JUDGE Honorable Rodney Gilstrap					PLAINTIFF'S ATTORNEY Spencer Hosie	DEFENDANT'S ATTORNEY Eric Buresh
TRIAL DATE (S) December 9, 2019					COURT REPORTER Shelly Holmes	COURTROOM DEPUTY Jan Lockhart
PLF. NO.	DEF. NO.	DATE OFFR RRED	MARKED	ADMITTED	DESCRIPTION OF EXHIBITS* AND WITNESSES	
PTX001		12.9.19		12.9.19	U.S. Patent 8,694,683	
PTX002		12.9.19		12.9.19	U.S. Patent 9,270,790	
PTX003		12.9.19		12.9.19	U.S. Patent 9,591,104	
PTX005		12.10.19		12.10.19	G10 and GeoBlade Overview NETSCOUT_108705 – NETSCOUT_1108754	
PTX006					Application Classification and Detection NETSCOUT097373 – NETSCOUT097391	
PTX007					Flow Records Format NETSCOUT097299 – NETSCOUT097323	
PTX008					IIC DPC Architecture NETSCOUT097382 – NETSCOUT097412	
PTX009		12.10.19		12.10.19	nGeniusONE NetScout University February 2019 NETSCOUT053288 – NETSCOUT053301	
PTX010		12.10.19		12.10.19	Service Provider Deployment Essentials 6.1: GPRS/UMTS NETSCOUT_036058 – NETSCOUT_036059	
PTX011		12.10.19		12.10.19	NS Probe Architecture NETSCOUT048962 – NETSCOUT048978	
PTX012		12.10.19		12.10.19	nGeniusONE presentation NETSCOUT_038255 – NETSCOUT_038281	
PTX013					NetScout InfinStream NGPlatform NETSCOUT_033994 – NETSCOUT_033995	

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PTX014				TMS System Guide NETSCOUT064769 – NETSCOUT064825
PTX015				NetScout Arbor TMS - Proven, Comprehensive Threat Protection and Service Enablement NETSCOUT060900 – NETSCOUT060904
PTX016	12.10.19		12.10.19	NetScout Arbor Edge Defense - First and Last Line of Smart, Automated Perimeter Defense NETSCOUT061995 – NETSCOUT061998
PTX017	12.10.19		12.10.19	Arbor Networks PKTengine NETSCOUT064883 – NETSCOUT064903
PTX018				Packet engine subsystem as exists in Peakflow TMS Wahoo (3.6) NETSCOUT064734
PTX019	12.10.19		12.10.19	Feature Name: Pktengine Design document NETSCOUT063495 – NETSCOUT063501
PTX020				TMS DPI Countermeasures Analysis - Packet Filtering and Inspection Feature Requirements NETSCOUT059829 – NETSCOUT059835
PTX021	12.10.19		12.10.19	TLS Decryption in Packet Engine NETSCOUT063347 – NETSCOUT063366
PTX025	12.11.19		12.11.19	NetScout InfiniStreamNG 9800 Appliances
PTX051				Sandvine Product Line Overview SANDVINE091345 – SANDVINE091408
PTX054				Sandvine Network Application Visibility Library PROCERA005164 – PROCERA005192
PTX055				Vineyard Networks Deep Packet Inspection Technology PROCERA004104 – PROCERA004128
PTX056				Procera Network Application Visibility Library True Layer 7 DPI technology for application identification and metadata extraction PROCERA001573 – PROCERA001574
PTX057				Procera Network Application Visibility Library True Layer 7 DPI technology for application identification and metadata extraction PROCERA009341 – PROCERA009342

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PTX058				NAVL architecture Version: v.1 PROCERA000067
PTX059				Procera_NAVL_Classification_process_Feb_2016_v1_0 PROCERA000065
PTX060				MasterCare - NetScout's award-winning global support service NETSCOUT053357 – NETSCOUT0053359
PTX061	12.10.19	12.10.19	NetScout nGeniusONE - Service Assurance Platform for Service Providers NETSCOUT_034021 – NETSCOUT_034022	
PTX062	12.10.19	12.10.19	NetScout Arbor Edge Defense User Guide Version 6.2.2 NETSCOUT061284 – NETSCOUT061923	
PTX063			NetScout Arbor APS User Guide 6.2.2 NETSCOUT062063 – NETSCOUT062696	
PTX064			NetScout Arbor DDos Attack Protection Solutions NETSCOUT059489 – NETSCOUT059490	
PTX065			Procera - Engineering Insights PROCERA009315 – PROCERA009316	
PTX066	12.10.19	12.10.19	NetScout GeoProbe G10 High Performance Support for High Capacity, High Bandwidth Networks NETSCOUT010566 – NETSCOUT101568	
PTX067			NetScout GeoProbe GeoBlade High Density Monitoring for Exponential Traffic Growth NETSCOUT101569 – NETSCOUT101572	
PTX068			NetScout GeoProbe GeoBlade High Density Monitoring for Exponential Traffic Growth NETSCOUT101698 – NETSCOUT101700	
PTX069	12.11.19	12.11.19	NetScout GeoProbe GeoBlade High Density Monitoring for Exponential Traffic Growth NETSCOUT059193 – NETSCOUT059195	
PTX070			NetScout G10 Hardware Maintenance Guide Version 17.6.2 NETSCOUT075012 – NETSCOUT075184	
PTX071			NetScout G10 Hardware Maintenance Guide Version 7.17.2 NETSCOUT075185 – NETSCOUT075357	

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PTX072				NetScout GeoBlade Hardware Maintenance Guide Software Version 7.16.1 NETSCOUT080690 – NETSCOUT080800
PTX073				NetScout G10 Hardware Maintenance Guide Version 7.17.1 NETSCOUT095018 – NETSCOUT095190
PTX074				NetScout GeoBlade Hardware Maintenance Guide Software Version 7.17.1 NETSCOUT094531 – NETSCOUT094641
PTX075				NetScout G10 Hardware Maintenance Guide Version 7.16.1 NETSCOUT095191 – NETSCOUT095352
PTX076	12.10.19	12.10.19		NetScout GeoBlade Hardware Installation Guide Software Version 7.17.1 NETSCOUT089580 – NETSCOUT089697
PTX077				Token bucket operation NETSCOUT063463 – NETSCOUT063467
PTX078	12.10.19	12.10.19		NetScout G10 Probe System Features Document Version 7.17.1 NETSCOUT083509 – NETSCOUT083552
PTX079	12.10.19	12.10.19		NetScout GeoBlade System Features Document Software Version 7.15.3 NETSCOUT088178 – NETSCOUT088231
PTX080				NetScout G10 Control Plane Probe Installation Guide Version 7.16.1 NETSCOUT065600 – NETSCOUT065794
PTX081	12.10.19	12.10.19		NetScout G10 Installation Guide Version 7.16.1 NETSCOUT065795 – NETSCOUT065957
PTX082				NetScout G10 Media Probe Installation Guide Version 7.17.2 NETSCOUT070206 – NETSCOUT070359
PTX083				NetScout G10 Media Probe Installation Guide Version 17.6.2 NETSCOUT070514 – NETSCOUT070667
PTX084				NetScout G10 Installation Guide Version 7.17.4 NETSCOUT070974 – NETSCOUT071126
PTX085				NetScout G10 Control Plane Probe Installation Guide Version 17.6.2 NETSCOUT074095 – NETSCOUT074237

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PTX086				NetScout G10 Control Plane Probe Installation Guide Version 7.17.2 NETSCOUT074524 – NETSCOUT074665
PTX087				NetScout G10 Control Plane Probe Installation Guide Version Rev. NETSCOUT074238 – NETSCOUT074380
PTX088				NetScout Iris - Operations, Administration, and Maintenance Guide Software Version 7.17.4 NETSCOUT066786 – NETSCOUT067187
PTX089				NetScout Iris - Operations, Administration, and Maintenance Guide Software Version 7.16.1 NETSCOUT071680 – NETSCOUT072066
PTX090	12.10.19	12.10.19		NetScout Iris - Operations, Administration, and TekAdmin Guide Software Version 7.16.1 NETSCOUT071280 – NETSCOUT071679
PTX091				NetScout nGenius Business Analytics - Port Matrix Configuration Guide Software Version 5.5.2 NETSCOUT_035584 – NETSCOUT_035608
PTX092				NetScout Iris - Operations, Administration, and Maintenance Guide Software Version 7.17.1 NETSCOUT067585 – NETSCOUT067972
PTX093				NetScout nGenius Business Analytics - Configuration Properties Guide Software Version 5.5.2 NETSCOUT_036102 – NETSCOUT_036128
PTX094				NetScout GeoBlade CLI Setup and Troubleshooting Guide Software Version 7.16.1 NETSCOUT083553 – NETSCOUT083663
PTX095				NetScout GeoBlade CLI Setup and Troubleshooting Guide Software Version 7.17.4 NETSCOUT085052 – NETSCOUT085161
PTX096				NetScout nGenius Business Analytics Explorer User Guide Software Version 5.52 NETSCOUT_036515 – NETSCOUT_036568
PTX097				nGeniusONE SE New Hire - Westford - Student Guide NETSCOUT053366 – NETSCOUT053367
PTX098				NetScout Module 5 - Service Monitoring NETSCOUT053147 – NETSCOUT053180
PTX099				NetScout Module 2 - Configuration and Licensing NETSCOUT053181 – NETSCOUT053222

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PTX100				NetScout Module 4 - Search & Discover, Discover My Network, & Traffic Monitor NETSCOUT053255 – NETSCOUT053287
PTX101				NetScout Module 3 - Key nGenuineONE Building Blocks NETSCOUT053302 – NETSCOUT053336
PTX102	12.10.19	12.10.19	NetScout nGeniusONE Server NETSCOUT_034023 – NETSCOUT_034024	
PTX103			NetScout Iris Session Analyzer Application NETSCOUT085426 – NETSCOUT085428	
PTX104			NetScout nGenius Session Analyzer NETSCOUT085622 – NETSCOUT085624	
PTX105			NetScout nGenius Business Analytics Port Matrix Guide Software Version 6.0.2 NETSCOUT_034211 – NETSCOUT_034240	
PTX106			NetScout nGenius Business Analytics Configuration Properties Guide Software Version 6.0 NETSCOUT_035765 – NETSCOUT_035802	
PTX107			NetScout nGenius Business Analytics Port Matrix Guide Software Version 6.1 NETSCOUT_036620 – NETSCOUT_036651	
PTX108			NetScout nGenius Business Analytics Installation Guide Software Version 5.5.3 NETSCOUT_035833 – NETSCOUT_035878	
PTX109			NetScout nGenius Business Analytics Installation & Upgrade Guide Version 6.0.0 NETSCOUT_037196 – NETSCOUT_037266	
PTX110			NetScout nGenius Business Analytics Installation Guide Software Version 5.5.2 NETSCOUT_035707 – NETSCOUT_035764	
PTX111			NetScout Release 4.7 nGenius Infinistream-Platform/CDM Release Note B250 NETSCOUT042439 – NETSCOUT042446	
PTX112			NetScout Release 4.7 nGenius Infinistream-Platform/CDM Release Note B250 NETSCOUT042422 – NETSCOUT042429	
PTX113			NetScout nGenius Business Analytics - Release Notes Software Version 6.0.2.157 NETSCOUT_036149 – NETSCOUT_036160	

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PTX114					nGenius Service Delivery Manager v5.0 Release Notes NETSCOUT_036307 – NETSCOUT_036330
PTX115					nGenius PFS Management Server v3.2 with nGenius Performance Manager Release Notes NETSCOUT_036339 – NETSCOUT_036350
PTX116					NetScout Product Release Overview: NetScout Release 5.1.1 NETSCOUT_037401 – NETSCOUT_037422
PTX117					NetScout nGenius Business Analytics - Release Notes Software Version 6.0 NETSCOUT_037179 – NETSCOUT_037195
PTX118					NetScout nGenius Business Analytics - System Health Guide Software Version 5.5.2 NETSCOUT_036131 – NETSCOUT_036148
PTX119					NetScout nGenius Business Analytics - System Administration Guide Software Version 5.5.2 NETSCOUT_035957 – NETSCOUT_035991
PTX120					NetScout nGenius Business Analytics - System Administration Guide Software Version 6.0 NETSCOUT_036895 – NETSCOUT_036934
PTX121					NetScout Arbor Edge Defense User Guide Version 6.0.1 NETSCOUT058304 – NETSCOUT058914
PTX122					NetScout Arbor Edge Defense User Guide Version 6.1 NETSCOUT057676 – NETSCOUT058303
PTX123					NetScout Arbor Edge Defense User Guide Version 6.2 NETSCOUT056406 – NETSCOUT057041
PTX124					NetScout Arbor Edge Defense User Guide Version 6.2.1 NETSCOUT055760 – NETSCOUT056405
PTX125					NetScout Arbor APS User Guide Version 6.2.1 NETSCOUT057042 – NETSCOUT057675
PTX126	12.10.19		12.10.19		NetScout Arbor APS, Arbor Edge Defense, and Arbor APS Console Compatibility Guide Version 6.2 NETSCOUT059556 – NETSCOUT059560
PTX127					NetScout Arbor APD, Arbor Edge Defense, and Arbor APS Console Compatibility Guide Version 6.2 NETSCOUT061279 – NETSCOUT061283

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PTX128				NetScout Arbor APS, Arbor Edge Defense, and Arbor APS Console Compatibility Guide Version 6.2 NETSCOUT062705 – NETSCOUT062709
PTX129				NetScout Arbor Edge Defense Release Notes Version 6.2.1 NETSCOUT059294 – NETSCOUT059315
PTX130				NetScout Arbor APS Release Notes Version 6.2.1 NETSCOUT059316 – NETSCOUT059335
PTX131				NetScout Arbor Edge Defense Release Notes Version 6.2 NETSCOUT059525 – NETSCOUT059539
PTX132				NetScout Arbor APS Release Notes Version 6.2 NETSCOUT059762 – NETSCOUT059775
PTX133				Arbor Networks APS 5.12.1 Release Notes NETSCOUT050187 – NETSCOUT060205
PTX134				NetScout Arbor APS Release Notes Version 6.2.2 NETSCOUT060261 – NETSCOUT060282
PTX135				Arbor Pravail APS 2.0.1 Release Notes NETSCOUT060454 – NETSCOUT060462
PTX136				Arbor Pravail APS 2.0.3 Release Notes NETSCOUT060463 – NETSCOUT060470
PTX137				NetScout Arbor Edge Defense Release Notes Version 6.2.2 NETSCOUT060915 – NETSCOUT060936
PTX138				NetScout Arbor APS Release Notes Version 6.2.2 NETSCOUT061022 – NETSCOUT061043
PTX139				NetScout Arbor Edge Defense Release Notes Version 6.2.2 NETSCOUT063259 – NETSCOUT063280
PTX140				NetScout Arbor APS Release Notes Version 6.1.1 NETSCOUT060343 – NETSCOUT060355
PTX141				Arbor Networks TMS 8.3 Release Notes NETSCOUT063088 – NETSCOUT063114

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PTX142					Arbor Networks APS 5.12 Release Notes NETSCOUT063281 – NETSCOUT063299
PTX143					NetScout Arbor Edge Defense Release Notes Version 6.2.1 NETSCOUT060432 – NETSCOUT060453
PTX144					NetScout Arbor APS Release Notes Version 6.2 NETSCOUT063300 – NETSCOUT063314
PTX145					NetScout Arbor Edge Defense Release Notes Version 6.2 NETSCOUT063937 – NETSCOUT063951
PTX146					NetScout Arbor APS Release Notes Version 6.2.1 NETSCOUT064193 – NETSCOUT64212
PTX147					Arbor Networks APS 6.0 Release Notes NETSCOUT064234 – NETSCOUT064254
PTX148					Installing the License Keys for APS and AIF NETSCOUT059571 – NETSCOUT059572
PTX149					Installing the License Keys for AED and AIF NETSCOUT059561 – NETSCOUT059562
PTX150					Installing the License Keys for APS and AIF NETSCOUT064999 – NETSCOUT065000
PTX151					NetScout Arbor APS 2800 Appliance NETSCOUT059340 – NETSCOUT059343
PTX152					NetScout Arbor APS 2600 Appliance NETSCOUT059348 – NETSCOUT059351
PTX153					NetScout Arbor Edge Defense 2600 Appliance NETSCOUT059365 – NETSCOUT059368
PTX154					NetScout Arbor Threat Mitigation System (TMS) TMS HD 1000 (16x10G) Appliance NETSCOUT060795 – NETSCOUT060802
PTX155					NetScout Arbor Edge Defense 2800 Appliance NETSCOUT060992 – NETSCOUT060995

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PTX156				NetScout Arbor APS 2600 Appliance NETSCOUT061978 – NETSCOUT061981
PTX157				NetScout Arbor Edge Defense 2600 Appliance NETSCOUT061926 – NETSCOUT061929
PTX158				NetScout Arbor Threat Mitigation System (TMS) TMS HD1000 (4x100G + 8x10G) Appliance NETSCOUT061999 – NETSCOUT062008
PTX159				NetScout Arbor APS 2800 Appliance NETSCOUT062794 – NETSCOUT062797
PTX160				NetScout Arb or APS Compliance Guide for FIPS and Common Criteria Version 6.2.2 NETSCOUT061047 – NETSCOUT061074
PTX161				NetScout Arbor APS Compliance Guide for FIPS and Common Criteria Version 6.2.2 NETSCOUT062710 – NETSCOUT062737
PTX162	12.10.19	12.10.19		NetScout Arbor APS Always On, In-Line, Intelligently Automated DDoS Protection NETSCOUT059580 – NETSCOUT059583
PTX163				NetScout ATLAS Intelligence Feed for Arbor Availability Protection System and NetScout AED NETSCOUT064988 – NETSCOUT064990
PTX164				NetScout Threat Mitigation System HD1000 (4x100G + 8x10G) IPv6 Performance Tests NETSCOUT061208 – NETSCOUT061244
PTX165				NetScout Threat Mitigation System HD1000 (4x100G + 8x10G) IPv4 Performance Tests NETSCOUT062798 – NETSCOUT062859
PTX211				Sandvine TLS Metadata PROCERA006368 – PROCERA006374
PTX212				Sandvine - What is the effect of the tcp.timeout setting? PROCERA006420 – PROCERA006443
PTX213				Sandvine - How are classification results reported for persistent HTTP flows with multiple transactions? PROCERA006553 – PROCERA006564
PTX214				Sandvine - Which traffic types does NAVL classify within HTTP traffic? PROCERA006575 – PROCERA006581

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PTX215				Sandvine - What is the facebook.subclassification setting for? PROCERA006582 – PROCERA006586
PTX216				Sandvine - How do I determine how many packets and how much data was needed to classify each flow? PROCERA006599 – PROCERA006602
PTX217				Sandvine - Are application classification results provided by NAVL before connection is fully classified? PROCERA006603 – PROCERA006604
PTX218				Sandvine - Protocol/Stack Hierarchy PROCERA006609 – PROCERA006610
PTX219				Sandvine - Potential for infinite loop in tls.plg 4.2.0.26-1 PROCERA006615 – PROCERA006616
PTX220				Sandvine - Does NAVL require both directions of traffic to classify flows? PROCERA006617 – PROCERA006618
PTX221				Sandvine - How many packets are needed to classify traffic? PROCERA006621 – PROCERA006622
PTX222				NAVL 4.x Release Notes PROCERA000676 – PROCERA000699
PTX223				NetScout InfiniStream NGAppliance NETSCOUT_033990 – NETSCOUT033991
PTX224				Sandvine Analytics Take the Guesswork Out of Managing Your Network SANDVINE091409 – SANDVINE091472
PTX225	12.10.19	12.10.19	12.10.19	NetScout nGeniusONE Service Assurance Platform NETSCOUT_033988 – NETSCOUT_033989
PTX226				NetScout InfiniStream 2900 Appliance IMPL156868 – IMPL156869
PTX227	12.10.19		12.10.19	NetScout InfiniStream 1900 Appliance IMPL156866 – IMPL156867
PTX228	12.10.19		12.10.19	NetScout InfiniStream 4500 Appliance IMPL156870 – IMPL156872

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PTX229				NetScout nGenius InfiniStream Dedicated Deep Packet Capture and Analysis-Enabled Appliances NETSCOUT097800 – NETSCOUT097804
PTX230				NetScout nGenius InfiniStream Dedicated intelligent Deep Packet Capture enabled appliances data sheet
PTX231				Version 5.4.1 Getting Started with nGeniusONE NETSCOUT001085 – NETSCOUT001142
PTX232				NetScout Plans Tektronix Acquisition to Expand Solution Footprint, Geo Reach IMPL156879 – IMPL158882
PTX234				NetScout - Why Upgrade Your Arbor APS 2000/2100 to NetScout Arbor Edge Defense NETSCOUT062751 – NETSCOUT062751
PTX235				NetScout DDoS Attack Used as Smokescreen NETSCOUT065007 – NETSCOUT065008
PTX237				Sandvine 2.0 Sandvine and Procera merge to create First Active Network Intelligence Company SANDVINE058355 – SANDVINE058395
PTX249				Making paths Explicit in the Scout Operating System
PTX250				U.S. Patent 8,694,683 file history
PTX251				U.S. Patent 9,270,790 file history
PTX252				U.S. Patent 9,591,104 file history
PTX253				U.S. Patent 8,055,786
PTX254				Making Paths Explicit in the Scout Operating System DEFSPA151724 – DEFSPA151739
PTX255				Escort: A Path-Based OS Security Architecture DEFSPA151768 – DEFSPA151784

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PTX256				Scout: A Path-Based Operating System by David Mosberger DEFSPA002865 – DEFSPA003038
PTX257				Joust: A Platform for Communication-Oriented Liquid Software DEFSPA002608 – DEFSPA002624
PTX258				Extensibility, Safety and Performance in the SPIN Operating System DEFSPA003335 – DEFSPA003352
PTX259				An Extensible Protocol Architecture for Application-Specific Networking DEFSPA003362 – DEFSPA003371
PTX260				PacketShaper User's Guide Version 2.10 DEFSPA312925
PTX261				Provisional Application for U.S. Patent 6,046,980 DEFSPA001381 – DEFSPA001434
PTX262				Dan's Home Page DEFSPA151941 – DEFSPA151942
PTX263				Crossbow - Toolkit for Integrated Services Over Cell Switched IPv6 DEFSPA151039 – DEFSPA151940
PTX264				ANN - A Scaleable, High Performance Active Network Node DEFSPA068881 – DEFSPA068883
PTX265				Router Plugins A Software Architecture for Next Generation Routers DEFSPA312002 – DEFSPA312003
PTX266				Router Plugins A Software Architecture for Next Generation Routers DEFSPA000678 – DEFSPA000689
PTX267				DAN: Distributed Code Caching for Active Networks DEFFSPA000650 – DEFSPA000657
PTX268				Router Plugins: A Modular and Extensible Software Framework for Modern High Performance Integrated Service Routers DEFSPA151963 – DEFSPA151989
PTX269				Crossbow - A Toolkit for Integrated Services Over Cell Switched IPv6 DEFSPA151943 – DEFSPA151949

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PTX270				Crossbow - Router Plugins - A Modular and Extensible Software Framework for Modern High Performance Integrated Service Routers DEFSPA151950 – DEFSPA151962
PTX271				A Scalable, High Performance Active Network Node DEFSPA000629 – DEFSPA000649
PTX272				ANN - A Scalable, High Performance Active Network Node DEFSPA151657 – DEFSPA151672
PTX273				A Scalable High-Performance Active Network Node IMPL_GRP.B_00012823 – IMPL_GRP.B_00012834
PTX274				June 1, 2001 email from Larry Peterson to Edward Balassanian and Brady Montz regarding whitepaper PETERSON000122 – PETERSON000128
PTX275				June 29, 1999 email chain between Edward Balassanian and Larry Peterson regarding follow up PETERSON000317 – PETERSON000318
PTX276				August 2, 1999 email from Edward Balassanian to Larry Peterson regarding follow up PETERSON000021
PTX277				August 9, 1999 email chain between Edward Balassanian and Larry Peterson regarding follow up PETERSON000192
PTX278				August 15, 1999 email from Edward Balassanian to Larry Peterson regarding a proposal PETERSON000156
PTX279				August 23, 1999 email from Larry Peterson to Edward Balassanian regarding a proposal PETERSON000396 – PETERSON000397
PTX280				August 23, 1999 email chain between Edward Balassanian and Larry Peterson regarding a proposal PETERSON000350 – PETERSON000353
PTX281				September 21, 1999 email chain between Edward Balassanian and Larry Peterson regarding modula ?? PETERSON000287
PTX282				October 20, 1999 email chain between Edward Balassanian and Larry Peterson regarding formal offer for Technical Advisor PETERSON000019 – PETERSON000020
PTX283				November 6, 1999 email chain between Edward Balassanian and Larry Peterson regarding meeting PETERSON000358

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PTX284					Excerpt from Computer Networks A Systems Approach
PTX285					December 20, 1999 email chain between Edward Balassanian and Larry Peterson regarding update PETERSON000252
PTX286					February 7, 2001 email from Edward Balassanian to Larry Peterson regarding Portal Operating System PETERSON000398 – PETERSON000427
PTX287					February 21, 2001 email chain between Brady Montz and Larry Peterson regarding help PETERSON000389
PTX288					June 1, 2001 email from Larry Peterson to Edward Balassanian and Maria Fulton regarding whitepaper PETERSON000294
PTX289					October 3, 2001 email from Marc Fiuczynski to Larry Peterson regarding string whitepaper PETERSON000193 – PETERSON000203
PTX290					April 18, 2002 email chain between Edward Balassanian and Larry Peterson regarding mpeg bead PETERSON000209
PTX291					June 17, 2002 email from Larry Peterson to Scott Miller regarding RADkit Docs PETERSON000290
PTX292					October 4, 2001 email chain between Marc Fiuczynski and Larry Peterson regarding Strings whitepaper PETERSON000048 – PETERSON000058
PTX294					June 1, 2015 email chain between J. Patrick O'Malley and Michael Ritter regarding Implicit LLC - P IMPL 061615 – IMPL 061618
PTX295					U.S. Patent 6,629,163
PTX296					U.S. Patent 8,055,786
PTX297					U.S. Patent 7,711,857
PTX303					Spreadsheet (Ex. 18 to Mathers Deposition) NETSCOUT055756

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PTX304				Spreadsheet (Ex. 19 to Mathers Deposition) NETSCOUT055757
PTX305				Spreadsheet (Ex. 16 to Mathers Deposition) NETSCOUT055754
PTX306				Spreadsheet (Ex. 20 to Mathers Deposition) NETSCOUT055758
PTX307	12.10.19	12.10.19	12.10.19	Spreadsheet (Ex. 21 to Mathers Deposition) NETSCOUT065143
PTX308	12.9.19	12.9.19	12.9.19	Settlement Agreement and Covenant Not To Sue between Apple Inc. and Implicit Networks Inc. IMPL 063738 – IMPL 063747
PTX309	12.9.19	12.9.19	12.9.19	Patent License Agreement between Implicit LLC and Google Inc. IMPL 037993 – IMPL 038014
PTX310	12.9.19	12.9.19	12.9.19	Patent Settlement and License Agreement between Implicit Networks, Inc. and Intel Corporation IMPL 057200 – IMPL 057229
PTX312	12.9.19	12.9.19	12.9.19	Non-Exclusive Patent Settlement Agreement between Implicit LLC and Trend Micro, Inc. IMPL 014262 – IMPL 014275
PTX313	12.9.19	12.9.19	12.9.19	Settlement and Patent License Agreement between Implicit, LLC and Ericsson Inc. IMPL 012406 – IMPL012427
PTX315	12.9.19	12.9.19	12.9.19	Settlement and Patent License Agreement between Implicit, LLC and Huawei Technologies USA, Inc. IMPL 063469 – IMPL 063494
PTX317	12.9.19	12.9.19	12.9.19	Settlement, License, and Software Sale Agreement between Cisco Systems, Inc. and Implicit Networks, Inc. IMPL 063709 – IMPL 063728
PTX327				May 29, 2015 email chain between Edward Balassanian and Kevin Hutchins regarding Implicit IMPL 035351 – IMPL 035352
PTX328	12.9.19	12.9.19	12.9.19	Secured Promissory Note between Be Labs, LLC and CBC Partners I, LLC IMPL 038237 – IMPL 038256
PTX329				Security Agreement between Be Labs, LLC and CBC Partners I, LLC IMPL 038257 – IMPL 038272

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PTX330				Intellectual Property Security Agreement between Implicit, LLC and CBC Partners I, LLC IMPL 038192 – IMPL 038224
PTX331				First Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038279 – IMPL 038283
PTX332				Second Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038298 – IMPL 038302
PTX333				Third Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038226 – IMPL 038230
PTX334				Fourth Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038284 – IMPL 038290
PTX335				Fifth Modification to Secured Promissory Note and Waiver of Default between Be Labs, Inc. and CBC Partners I, LLC IMPL 038293 – IMPL 038297
PTX336				Sixth Modification to Secured Promissory Note and Waiver of Default between Be Labs, Inc. and CBC Partners I, LLC IMPL 038273 – IMPL 038278
PTX337				Seventh Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038303 – IMPL 038308
PTX338				Eighth Modification to Secured Promissory Note between Be Labs, Inc. and CBC Partners I, LLC IMPL 038231 – IMPL 038236
PTX339				NetScout nGeniusONE Service Assurance Platform
PTX340				Software Integration License Agreement between Vineyard Networks Inc. and Tektronix Texas LLC NETSCOUT095762 – NETSCOUT095785
PTX341				Amendment 1 to Software Integration License Agreement between Tektronix Texas LLC and Procera Networks Ltd. NETSCOUT095821 – NETSCOUT095824
PTX342				Amendment 2 to Software Integration License Agreement between Tektronix Texas LLC and Procera Networks Ltd. NETSCOUT095813 – NETSCOUT095814
PTX346				Sandvine Summary of Industry Analyst Coverage SANDVINE009808 – SANDVINE009827

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PTX347					Sandvine Internet Traffic Classification A Sandvine Technology Showcase SANDVINE004620 – SANDVINE04636
PTX348					Sandvine Strategic Product Direction SANDVINE058520 – SANDVINE058562
PTX353					Procera Solutions for Arris Powered by Industry-Leading Network Intelligence Technology PROCERA007894 – PROCERA007954
PTX354					Procera Traffic Perspective Application Intelligence PROCERA009335 – PROCERA009336
PTX355					U.S. Patent 6,412,000
PTX358					Procera + Sandvine The Merger and NAVL PROCERA008227 – PROCERA008242
PTX359					NAVL architecture Version: v.1 PROCERA000067 – PROCERA000088
PTX360					Procera Networks Sensitive Procera_NAVL_Classification_process_Feb_2016_v1_ PROCERA000065 – PROCERA000066
PTX361					NetScout GeoProbe G10 High Performance Support for High Capacity, High Bandwidth Networks NETSCOUT099154 – NETSCOUT099156
PTX362					NetScout GeoProbe GeoBlade High Density Monitoring for Exponential Traffic Growth NETSCOUT099157 – NETSCOUT099160
PTX365	12.9.19		12.9.19		Edward Balassanian Laboratory Research Notebook IMPL 055870 – IMPL 056120
PTX366					Software License and Development Agreement between BeComm Corporation and Intel (2000) IMPL 143317 – IMPL 143333
PTX367					Software License and Development Agreement between BeComm Corporation and Intel (2001) IMPL 024236 – IMPL 024275
PTX375					Consumer Network Tap - A portal to the content world IMPL 031608 – IMPL 031623

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PTX376				Remaining Problems IMPL 049454
PTX377				Technology Patents IMPL 031332 – IMPL 031334
PTX378				HTTP and HTTPS - Monitoring Children of HTTP and HTTPS NETSCOUT029362 – NETSCOUT029367
PTX379				PacketShaper Reference Guide Version 3.1 DEFSPA001883 – DEFSPA002108
PTX381	12.10.19	12.10.19		TMS Pktengine Packet Flow Diagram NETSCOUT095737
PTX382				NetScout Deep Packet Classification NETSCOUT_000019 – NETSCOUT_000020
PTX384				Press Release: Procera Networks to be Acquired by Francisco Partners
PTX385				Press Release: Sandvine Corporation to be Acquired by Francisco Partners' Affiliate and Combined with Procera Networks
PTX386				Press Release: Procera Networks to Acquire Vineyard Networks
PTX387				Sandvine Active Network Intelligence Solutions
PTX388				Sandvine Active Network Intelligence Use Cases for Network Operators
PTX389				Sandvine PacketLogic Platforms - Scalable platforms for deployments of all sizes
PTX390				Sandvine Policy Traffic Switch 32000
PTX396				Press Release: Acquisition of Danaher's Communications Business Complete

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PTX397					Press Release: NetScout Transforms Performance Management
PTX398					nGeniusONE Service Assurance Platform
PTX399					Press Release: vSCOUT, vSTREAM and Virtual nGeniusONE for the Cloud
PTX400					NetScout Iris/GeoProbe Platform
PTX401					Press Release: NetScout Launches Arbor Edge Defense for Enterprise DDoS Security
PTX402					What is DDoS - Frequently asked questions and common concerns about DDoS attacks
PTX403					NetScout Arbor Edge Defense - First and Last Line of Smart, Automated, Perimeter Defense
PTX404					NetScout Arbor Availability Protection System
PTX405					NetScout Arbor Threat Mitigation System
PTX406					Press Release: Granted Patent for Adaptive Session Intelligence Technology
PTX407					Edward Balassanian background IMPL 147667 – IMPL 147668
PTX408					BeComm Corporation background IMPL 014690 – IMPL 014715
PTX409					BeComm Corporation References IMPL 144421 – IMPL 144426
PTX410					Scott Bradley Archived Gladiator Issues IMPL 026844

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PTX411				Scott Bradley Current Brain State IMPL 026889 – IMPL 026891
PTX412				Pathfinder: A Pattern-Based Packet Classifier IMPL 0498091 – IMPL 048100
PTX413				Articles of Incorporation of BeComm Corporation IMPL 016618 – IMPL 016622
PTX414				September 23, 1996 fax cover sheet from Bob Roth to Phil Ames regarding Communication Technology IMPL 154168
PTX415				September 24, 1996 fax cover sheet from Bob Roth to Magaret Labrecque regarding Communication Technology IMPL 154165
PTX416				September 30, 1996 fax cover sheet from Bob Roth to Edward Kozel regarding Communication Technology IMPL 154153
PTX417				September 30, 1996 fax cover sheet from Bob Roth to Bruce Sachs regarding Communication Technology IMPL 154152
PTX418				September 27, 1996 fax cover sheet from Bob Roth to Bruce Sachs regarding Communication Technology IMPL 154154
PTX419				September 26, 1996 fax cover sheet from Bob Roth to Edward Kozel regarding Communication Technology IMPL 154163
PTX420				October 1, 1996 fax cover sheet from Bob Roth to Douglas Spreng regarding Communication Technology IMPL 154151
PTX421				October 2, 1996 letter from Bob Roth to Linda Salomon regarding Potential Partners for BeComm Corp. IMPL 154150
PTX422				October 3, 1996 letter from Bob Roth to Ken Lobb regarding New options for your Game players IMPL 154149
PTX423				October 7, 1996 fax cover from Bob Roth to Jayesh Batel regarding Communication Technology IMPL 154146
PTX424				November 1, 1996 letter from Garth Novack to Larry Peterson IMPL 119461 – IMPL 119463

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PTX425				November 6, 1996 email from Larry Peterson to scout@cs.arizona.edu regarding BeComm MOSBERGER002406 – MOSBERGER002407
PTX426				November 27, 1996 email from Edward Balassanian regarding BeComm Corporation MOSBERGER002409 – MOSBERGER002410
PTX427				November 27, 1996 email from Bob Roth to Edward Balassanian regarding Navio Interest IMPL 118868
PTX428				November 27, 1996 email from Edward Balassanian to Bob Roth regarding contract IMPL 118869
PTX429				February 3, 1997 email from David Mosberger to Edward Balassanian regarding software engineering at Boeing MOSBERGER002398 – MOSBERGER002399
PTX430				January 27, 1997 email from Edward Balassanian to Mark Deife regarding Memo and Contract IMPL 149702
PTX431				Subscription Agreement of Scott W. Bradley IMPL 148428 – IMPL 148429
PTX432				\$Header: /Portal/system/lut.h 48 IMPL_GRP.B_00002841 – IMPL_GRP.B_00002843
PTX433				\$Header: /Portal/System/platform/ntuser/Timer.h 5 IMPL 013518 – IMPL 013520
PTX434				\$Header: /Portal/System/platform/win95/timer.h 4 IMPL_GRP.B_00002883 – IMPL_GRP.B_00002885
PTX435				April 23, 1997 email chain between David Mosberger and Edward Balassanian regarding ip MOSBERGER002348 – MOSBERGER002349
PTX436				\$Header: /Portal/Include/machine.h 4 IMPL 013492
PTX437				\$Header: /Portal/auxiliary/Utilities/unescape.h 2 IMPL_GRP.B_00002792 – IMPL_GRP.B_00002793
PTX438				\$Header: /Portal/Protocol/udp/udp.c 89 IMPL 013731 – IMPL 013758

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PTX439				PmpMain.c IMPL 059386 – IMPL 059396
PTX440				\$Header: /Portal/Protocol?UDP/udp.c 57 IMPL 059569 – IMPL 059585
PTX441				July 12, 1997 email chain between Edward Balassanian to David Mosberger regarding job decision MOSBERGER002193 – MOSBERGER002194
PTX442	12.9.19		12.9.19	Prototype Intel Tablet *Physical Exhibit
PTX443				July 12, 1997 email chain between Edward Balassanian and David Mosberger regarding packet classification MOSBERGER002186
PTX444				July 13, 1997 email chain between Edward Balassanian and David Mosberger regarding packet classification MOSBERGER002180
PTX445				July 21, 1997 email chain between Edward Balassanian and Scott Bradley regarding some issues IMPL 059345 – IMPL 059346
PTX446				October 8, 1997 email from Edward Balassanian to Scott Bradley regarding ip routing IMPL 014021
PTX447				October 12, 1997 email from Edward Balassanian to Scott Miller and Scott Bradley regarding profiles for IP IMPL 014022
PTX448				November 2, 1997 email from Edward Balassanian and Scott Bradley regarding pathid and IP IMPL 014023
PTX449				January 15, 1998 email from Edward Balassanian to Scott Bradley regarding demux_postpone IMPL 014024
PTX450				January 25, 1998 email from Edward Balassanian to Scott Bradley regarding setting input and output media types IMPL 014025
PTX451				February 17, 1998 email chain between Edward Balassanian and Scott Miller regarding References IMP031077
PTX452				February 28, 1998 letter from Edward Balassanian to David Nagy-Farkas IMPL 142036

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PTX453				April 9, 1998 email from Scott Bradley to Edward Balassanian regarding DemuxPath IMPL 027576
PTX454				April 30, 1998 email chain between Kelly Mullins and Edward Balassanian regarding BeComm Marketing Position IMPL 149839
PTX455				June 29, 1998 email from Scott Bradley to David Nagy-Farkas regarding Private Portal Build IMPL 027577
PTX456				Portal Internal Programmer's Guide July 8, 1998 IMPL 024960 – IMPL 024971
PTX457				August 6, 1998 email from Guy Carpenter to Scott Bradley regarding Demux/Session/Handler IMPL 027578
PTX458				August 21, 1998 email from Guy Carpenter to Scott Miller regarding good news IMPLICIT_00093462
PTX459				September 1, 1998 email from Guy Carpenter to Scott Miller regarding cool IMPL 027579
PTX460				September 8, 1998 email from Scott Bradley to Scott Miller regarding execution order IMPL 027580
PTX461				September 9, 1998 email from Guy Carpenter to Edward Balassanian regarding enet/udp IMPL 027581
PTX462				March 24, 1999 email chain between David Wolf and Edward Balassanian regarding design docs IMPL 018764 – IMPL 018767
PTX463				April 1, 1999 email chain between David Wolf and Edward Balassanian regarding design docs IMPL 018768 – IMPL 018770
PTX464				July 12, 1999 email chain between Edward Balassanian and David Wolf regarding macros and sys calls IMPL 149599
PTX465				August 24, 1999 email from Scott Bradley to Maurice Pirio regarding Demux Code IMPL 156663 – IMPL 156698
PTX466				August 25, 1999 email from David Wolf to Core Development Team regarding Design Doc - Protocol Configuration Revisions IMPL 149590 – IMPL 149598

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PTX467				September 13, 1999 email from David Wolf to Interview Team regarding Brady Montz IMPLICIT_00097449
PTX468				September 17, 1999 Notification to New Employers IMPL 142057
PTX469				How to Add Configuration Support to a Protocol IMPL 033500 – IMPL 033519
PTX470				September 30, 1999 email from Edward Balassanian to Executive Team regarding responsibility IMPL 119263 – IMPL 119266
PTX471				BeComm Corporation Strings IMPL 034190 – IMPL 034212
PTX472				Bootcamp Post-Mortem IMPL 026607 – IMPL 026600
PTX473				BeComm Retreat 2000 IMPL 144438 – IMPL 144455
PTX474				Press release: BeComm Corporation Posed to Enter Emerging Home Networking Market IMPL 034736 – IMPL 034737
PTX475				Quotes about BeComm IMPL 035213
PTX476				Press release: BeComm Demonstration Ushers in New Era of Media Appliances at Demo 2000 IMPL 034740 – IMPL 034741
PTX477				Press release: BeComm Introduces New Software Environment to Enable Next Generation Media Appliances IMPL 034734 – IMPL 034735
PTX478				Press release: Wind River and BeComm Cooperate on Delivering Solutions for Media Appliances IMPL 034738 – IMPL 034739
PTX479				Telephony Re-Design IMPL 032692 – IMPL 032705
PTX480				February 28, 2000 email chain between David Andersen and Edward Balassanian regarding Intel meeting notes IMPL 150785

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PTX481				March 29, 2000 email from Edward Balassanian to David Mosberger regarding BeComm MOSBERGER002184
PTX482				HTTP Client Design Doc IMPL 145121 – IMPL 145133
PTX483				Discovery (v1) Design Document IMPL 026332 – IMPL 026343
PTX484				Intel Corporation Restricted Use License Agreement IMPL 026902 – IMPL 026904
PTX485	12.9.19	12.9.19		BeComm Corporation Strings IMPL 120281 – IMPL 120310
PTX486				The Strings Graphics System Design Document and Proposed Schedule IMPL 033147 – IMPL 033158
PTX487				October 12, 2000 letter from Edward Balassanian to Jim Bodio IMPL_GRP.B_00001022 – IMPL_GRP.B_00001034
PTX488				October 15, 2000 memo from Edward Balassanian to William Howe regarding Media Server Proposal IMPL 033278 – IMPL 033280
PTX489				Normandy: Phase 1 Exploration IMPL 146302 – IMPL 146326
PTX490				Juno Phase 0 Document IMPL 125037 – IMPL 125059
PTX491				Juno: System Test Plan IMPL 145938 – IMPL 145958
PTX492				Software Development and License Agreement between BeComm and Intel IMPL 026112 – IMPL 026153
PTX493				January 13, 2001 email from Edward Balassanian to Maria Fulton regarding Intel/BeComm IMPL 027706 – IMPL 027710
PTX494				Exhibit A Confidential Information Tracking Record IMPL 0152986

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PTX495				Juno: Phase 1 Investigation IMPL 125405 – IMPL 125463
PTX496				February 12, 2001 email thread between Scott Bradley and Maria Fulton regarding an important question IMPL 145789
PTX497				Intel Pre-Release Program and License Agreement IMPL 024480 – IMPL 024483
PTX498				April 24, 2001 memorandum from William Howe to Edward Balassanian and Tim Elliott IMPL 146198 – IMPL 146203
PTX499				The Strings File System Universal Namespace Management IMPL 031587 – IMPL 013594
PTX500				Media Mapping IMPL 031572 – IMPL 031586
PTX501				June 1, 2001 email from Larry Peterson to Edward Balassanian and Brady Montz regarding whitepaper PETERSON000122 – PETERSON000128
PTX502				Strings: An Architecture for Building Media Applications IMPL 025312 – IMPL 025317
PTX503				BeComm Corporation Business Summary August 2001 IMPL 144537 – IMPL 144554
PTX504				BeComm Corporation Minutes of Company Meeting of October 15, 2001 IMPL 144437
PTX505				Intel Promotional Material Release IMPL 143481
PTX506				Resource control in network elements IMPL 025335 – IMPL 025517
PTX507				Chula Vista SDK Proposal Outline IMPL 015869 – IMPL 015880
PTX508				April 14, 2003 email from Scott Bradley to Edward Balassanian regarding Stratos company info doc IMPL 119228 – IMPL 119229

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PTX509				Implicit Networks, Inc. Software and Patent License Due Diligence Package IMPL 016258 – IMPL 016279
PTX510				Scott Bradley Moving On IMPL 119232 – IMPL 119235
PTX511				Implicit Networks, Inc. company background IMPL 016292
PTX512				Implicit, LLC Limited Liability Company Agreement IMPL 016623 – IMPL 016625
PTX513				Implicit LLC Patent Licensing Presentation to Procera Networks, Inc. IMPL 018342 – IMPL 018362
PTX514				addrss.c IMPL 149509 – IMPL 149519
PTX515				struct.h IMPL 149101 – IMPL 149108
PTX516				send.c IMPL 068815 – IMPL 068831
PTX517	12.9.19	12.9.19	path.c IMPL 068437 – IMPL 068458	
PTX518				\$Header: /Portal/System/address.h 3 IMPL 149335 – IMPL 149412
PTX520				August 27, 1999 email from Scott Bradley to Maurice Pirio regarding Demux Code IMPL 156699
PTX521				August 30, 1999 email chain between Edward Balassanian, Scott Bradley, and Maurice Pirio regarding Demux Code IMPL 156700
PTX522				September 6, 1999 email from Scott Bradley to Maurice Pirio regarding Demux Patent IMPL 156704
PTX523				September 7, 1999 email chain between Maurice Pirio and Scott Bradley regarding Demux Patent IMPL 156705

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PTX524				August 3, 2001 email from Maurice Pirio to March Fiuczynski regarding 29451-884US Method and System for Generating a Mapping Between Types of Data IMPL 156791 – IMPL156792
PTX525				Memorandum regarding BeComm meeting with Sprint IMPL 074048 – IMPL 074050
PTX526				Implicit Networks, Inc. Amended and Restated Technology Development and Marketing Agreement IMPL 024350 – IMPL 024376
PTX527	12.9.19		12.9.19	BeComm Media Coverage October 2000 - March 2001 IMPL 024407 – IMPL 0244838
PTX528				Intel SOW Revision 1.1 IMPL 024523 – IMPL 024526
PTX529				Philips - BeComm Corporation Content Management Software Project Proposal July 31, 2002 IMPL 024996 – IMPL 025015
PTX530				Change Order to Amended and Restated Technology and Marketing Agreement between Implicit and AMD IMPL 027438 – IMPL 027440
PTX540				June 4, 2003 letter from Vicki Tilley to Edward Balassanian regarding Thomson Software Evaluation License Agreement IMPL 024282 – IMPL 024276
PTX541				Huawei SIG 9800 V300R001C00 Configuration Guide 01 IMPL 041114 – IMPL 041128
PTX542				Trend Micro Advanced Threat Management for Encrypted Traffic with Trend Micro and F5 Networks IMPL 038378 – IMPL 038381
PTX543				Intel Corporate Non-Disclosure Agreement IMPL 027582
PTX545				CCEVS Approved Assurance Continuity Maintenance Report IMPL 037515 – IMPL 037517
PTX546	12.9.19		12.9.19	Settlement and License Agreement between Implicit Networks, Inc. and Advanced Micro Devices, Inc. IMPL 057405 – IMPL 057418
PTX547				Development and License Agreement between Implicit Networks Inc. and Intel Corporation IMPL 024283 – IMPL 024293

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PTX548				Development and License Agreement between Implicit Networks Inc. and Intel Corporation IMPL 024329 – IMPL 024344
PTX549				Agreement among Implicit Networks, Inc., Intel Corporation, and Eqware Engineering, Inc. IMPL 024377 – IMPL 024379
PTX550				Intel Confidential Information Transmittal Record IMPL 024399 – IMPL 024400
PTX551				December 7, 2000 fax from Munier Shah to Edward Balassanian regarding Eval License IMPL 024439 – IMPL 024445
PTX552				Intel Corporate Non-Disclosure Agreement IMPL 024446
PTX553				Implicit Networks, Inc. Evaluation Agreement IMPL 027434 – IMPL 027437
PTX554				October 5, 2006 letter from David Leavins to Edward Balassanian regarding Agreement among Implicit Networks, Inc. and Intel Corporation and Eqware Engineering, Inc. IMPL 027475 – IMPL 027476
PTX555				Intellectual Property Security Agreement IMPL 038192 – IMPL 038224
PTX557				Comcast Residential Services Gateway RFI Response IMPL 014288 – IMPL 014317
PTX558				Comcast Residential Services Gateway Technical Requirements IMPL 014593 – IMPL 014606
PTX559				Comcast New Media Development, Inc. Residential Services Gateway Request for Information IMPL 015439 – IMPL 015448
PTX560				Comcast Networked Home Demonstration System IMPL 015858 – IMPL 015868
PTX561				Comcast Web Tablet Technical Requirements IMPL 016070 – IMPL 016084
PTX562				Media Rich Residential Gateway Technical Requirements IMPL 016085 – IMPL 016105

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PTX563				March 11, 2018 email from J. Patrick O'Malley to Ben Singer regarding Implicit LLC - US Patent 8,694,683 IMPL 063585 – IMPL 063586
PTX564				March 11, 2018 email from J. Patrick O'Malley to Ben Singer regarding Implicit IMPL 018401 – IMPL 018404
PTX578				December 19, 2014 letter from Eric English to Michael Scimeca regarding Implicit LLC, US Patent 8,694,683 RSLLP_00000105 – RSLLP_00000107
PTX579				February 26, 2015 email from J. Patrick O'Malley to Michael Hendershot and Michael Scimeca regarding Implicit LLC - US Patent 8,694,683 RSLLP_00000116 – RSLLP_00000122
PTX589	12.9.19	12.9.19		Settlement and License Agreement between Adobe Systems Incorporated and Implicit Networks, Inc. IMPL 063600 – IMPL 063610
PTX590	12.9.19	12.9.19		Settlement, License and Software Sale Agreement between Citrix Systems, Inc. and Implicit Networks, Inc. IMPL 063587 – IMPL 063599
PTX591	12.9.19	12.9.19		Settlement, Release and Patent License Agreement between Sybase, Inc. and Implicit Networks, Inc. IMPL 057230 – IMPL 057241
PTX592	12.9.19	12.9.19		Settlement Agreement and Release between Implicit Networks and RMI Corporation IMPL 057148 – IMPL 057159
PTX593				Patent License Agreement between Implicit Networks, Inc. and RMI Corporation IMPL 063729 – IMPL 063737
PTX594	12.9.19	12.9.19		License and Settlement Agreement between Implicit, LLC and NEC Corporation IMPL 063616 – IMPL 063634
PTX595	12.9.19	12.9.19		Patent License Agreement between Implicit Networks, Inc. and Oracle Corporation IMPL 057280 – IMPL 057287
PTX596				Settlement Agreement and Release between Implicit Networks, Inc. and Oracle Corporation IMPL 057469 – IMPL 057476
PTX597	12.9.19	12.9.19		Settlement, License and Software Sale Agreement between Microsoft Corporation and Implicit Networks, Inc. IMPL 057160 – IMPL 057166
PTX598	12.9.19	12.9.19		Settlement Agreement between Sun Microsystems and Implicit Networks, Inc. IMPL 057518 – IMPL 057527

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PTX599				Business Plan IMPL 145451 – IMPL 145474
PTX600				Implicit - Connecting people to their digital lives IMPL 145360 – IMPL 145371
PTX601				Implicit - made simple, made implicit IMPL 068292 – IMPL 068301
PTX602				Implicit - Connecting people to their digital lives IMPL 145375 – IMPL 145385
PTX604				Exhibit 9 from the 7/23/19 deposition of S. Dawson
PTX605				December 11, 1996 letter from Edward Balassanian to Jim Basiji enclosing Portal Operating System White Paper IMPL 030114 – IMPL 030137
PTX606				Portal Operating System - A White Paper IMPL 013959 – IMPL 013980
PTX607	12.9.19		12.9.19	Portal Operating System - A White Paper IMPL 026506 – IMPL 026527
PTX608				Media Routing - Multimedia Content in a Distributed Environment IMPL 026467 – IMPL 026482
PTX609				Portal Remote - A Truly Universal Consumer Remote IMPL 119489 – IMPL 119516
PTX610				Consumer Network Tap - A Portal to the content world IMPL 030150 – IMPL 030166
PTX611				Strings - A Technical Overview IMPL 031706 – IMPL 031734
PTX612				Strings - A Technical Overview IMPL 146864 – IMPL 146888
PTX613				Portal to the Utilities - A Discussion of the applications of BeComm technology in the Utility Industry IMPL 026550 – IMPL 026566

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PTX614				Portal to the Utilities - A Discussion of the applications of BeComm technology in the Utility Industry IMPL 031440 – IMPL 031456
PTX615				Media-Centric Computing Media-Centric Networking IMPL 149030 – IMPL 149083
PTX616				Medeia-Centric Computing - A New Breed of Appliance Technology IMPL 028072 – IMPL 028103
PTX617				Media Centric Computing - A Platform for Consumer Connectivity IMPL 034182 – IMPL 034189
PTX618				Media Centric Computing - A Platform for Consumer Connectivity IMPL 026389 – IMPL 026403
PTX619				Media Centric Computing - A Platform for Consumer Connectivity IMPL 026483 – IMPL 026498
PTX620				Implicit Framework - Technical Overview IMPL 145604 – IMPL 145628
PTX621				Implicit Framework - Technical Overview IMPL 145579 – IMPL 145603
PTX622				Project Utah - Phase 1 IMPL 032609 – IMPL 032632
PTX623				Project Utah - Phase 2 IMPL 032590 – IMPL 032608
PTX624				Normandy: Phase 1 IMPL 146302 – IMPL 146326
PTX625				BeComm Corporation - Inside BeComm IMPL 144338 – IMPL 144346
PTX626				BeComm Corporation - Strings An Architecture for Distributed Multimedia Applications IMPL 147945 – IMPL 147965
PTX627				BeComm Corporation - Inside BeComm IMPL 146117 – IMPL 146160

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PTX628				Strings Audio Transport Protocol (SATP) Design Proposal IMPL 147930 – IMPL 147933
PTX629				Juno: QA Requirements IMPL 145932 – IMPL 145937
PTX630				Strings - An Architecture for Building Communications-Centric Applications IMPL 144079 – IMPL 144096
PTX631				Strings - A Technology Overview IMPL 031520 – IMPL 013546
PTX632				HotBeads - Intelligent and Managed Software Distribution IMPL 146016 – IMPL 146037
PTX633				Implicit Technology Summary IMPL 027466 – IMPL 027474
PTX634				Juno: Phase 0 Exploration IMPL 1459905 – IMPL 145928
PTX635				BeComm company information IMPL 148816 – IMPL 148822
PTX636				BeComm company information IMPL 148852 – IMPL 148859
PTX637				Gateway-BeComm Corporation Connected Launch Proposal March 14, 2003 IMPL 015464 – IMPL 01578
PTX638				BeComm Corporation CES Briefing IMPL 015380 – IMPL 015407
PTX639				BeComm company information IMPL 148844 – IMPL 148851
PTX640				BeComm - What We Do IMPL 031595 – IMPL 031607
PTX641				BeComm Corporation - Creating Simplicity in A Complex World IMPL 034025 – IMPL 034026

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PTX642					The Strings Graphics System - Design Document and Proposed Schedule IMPL 058061 – IMPL 058077
PTX643					The Problem IMPL 033126 – IMPL 033127
PTX644					BeComm Mutual Confidentiality and Non-Disclosure Agreement with Frog Design IMPL 027774 – IMPL 027781
PTX645					Frog Design project history IMPL 033128
PTX646					Philips-BeComm Content Management Project Proposal IMPL 015555 – IMPL 015571
PTX647					Case Study - Intel Web Tablet IMPL 031801 – IMPL 031805
PTX648					Tatung-BeComm Project Proposal July 22, 2002 IMPL 124014 – IMPL 124023
PTX649					BeComm deck IMPL 016140 – IMPL 016153
PTX650					Philips-BeComm IMPL 016002 – IMPL 016028
PTX651					Raytheon-BeComm Bio-Informatics Solution Project Proposal September 30, 2002 IMPL 015631 – IMPL 015643
PTX652					December 4, 2001 fax from Edward Balassanian to Nancy Nguyen IMPL 143399 – IMPL 143403
PTX653					Intel File IMPL 027637 – IMPL 027705
PTX654					December 17, 1996 email from David Mosberger to Edward Balassanian regarding NDA MOSBERGER002200 – MOSBERGER002201
PTX655					Scout Version 1.0 DEFSPA010240 – DEFSPA010265

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PTX656				LaTeX source code file (The Scout Manifesto) MOSBERGER002109 – MOSBERGER002113
PTX657				May 1994 David Mosberger note MOSBERGER001441
PTX659				David Mosberger emails with Erise law firm
PTX660				David Mosberger emails with Erise law firm
PTX661				LaTeX version of Mosberger conclusions of dissertation MOSBERGER002004 – MOSBERGER002009
PTX662				January 28, 2004 email chain between Manual Roman and Edward Balassanian regarding strings
PTX663				Joust Overview DEFSAP151793 – DEFSPA151794
PTX664				Tom Carter LinkedIn page
PTX665	12.9.19	12.9.19		Settlement and Patent License Agreement between Implicit, LLC and Palo Alto Networks, Inc. IMPL 065298 – IMPL 065317
PTX668				NetScout - Assuring User Experience in Next Generation Networks NETSCOUT_038172 – NETSCOUT_038222
PTX669				TAF Flow Monitor Functional Specification NETSCOUT038868 – NETSCOUT038882
PTX670				NetScout Probe Modules NETSCOUT048396 – NETSCOUT048397
PTX673				NetScout nGeniusONE Service Assurance platform
PTX674				NetScout nGeniusONE Service Assurance platform NETSCOUT_033996 – NETSCOUT_033997

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PTX675				NetScout nGeniusONE Service Assurance platform
PTX676				NetScout Assuring User Experience in Next Generation Networks NETSCOUT_037818 – NETSCOUT_037881
PTX683				Pravail/TMS SSL integration Overview NETSCOUT059684 – NETSCOUT059686
PTX684				NetScout Defending Against DDoS Attacks Using Arbor APS Course NETSCOUT059574 – NETSCOUT059575
PTX685				Arbor Networks Pravail 2.0 Technical Information NETSCOUT064739
PTX686				PKTSHPR_SOURCE_000001 - PKTSHPR_SOURCE_000214
PTX687	12.10.19	12.10.19		NETSCOUT_SOURCE_000001 - NETSCOUT_SOURCE_000725 *Source Code
PTX688				PROCERA_SOURCE_000001 - PROCERA_SOURCE_000420
PTX689				SANDVINE_SOURCE_000001 - SANDVINE_000181
PTX692				Revenue USDM NETSCOUT043168
PTX693				NetScout Products Overview
PTX694				Press release: NetScout Systems Reports Financial Results for Third Quarter Fiscal Year 2019
PTX695				NetScout Q3 FY 2019 Conference Call
PTX696				NetScout Systems, Inc. Service Provider Product and Support Price List NETSCOUT053371 – NETSCOUT053426

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PTX697				Press release: NetScout Systems, Inc. Maintenance and Support Services Terms for Products NETSCOUT053362 – NETSCOUT053365
PTX698				NetScout Systems, Inc. Delivery Services Description and Terms NETSCOUT053493
PTX699				NetScout Smart Data Services Description and Terms NETSCOUT053368 – NETSCOUT053370
PTX700				List of products NETSCOUT047534
PTX701				New nGeniusONE Licensing Sales FAQ NETSCOUT_033998 – NETSCOUT_034009
PTX702				NetScout Systems Purchase Order NETSCOUT052107 – NETSCOUT052113
PTX703				NetScout Systems Purchase Order NETSCOUT052082 – NETSCOUT052087
PTX704				Spreadsheet (Ex. 17 to Mathers Deposition) NETSCOUT055755
PTX705				Spreadsheet (Ex. 22 to Mathers Deposition) NETSCOUT065211
PTX707				Spreadsheet (Ex. 24 to Mathers Deposition) NETSCOUT065398
PTX708				Spreadsheet (Ex. 25 to Mathers Deposition) NETSCOUT065399
PTX710				NetScout COTS InfiniStream (Phase II) FS NETSCOUT044920 – NETSCOUT044947
PTX711				NetScout MasterCare Remote Site Engineer NETSCOUT053360 – NETSCOUT053361
PTX712				NetScout - Guardians of the Connected World NETSCOUT063337 – NETSCOUT063354

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PTX713				NetScout Letter Agreement for 2018-2021 Maintenance and Support Services for NetScout Products NETSCOUT062982 – NETSCOUT062984
PTX714				Defendants' source code
PTX724				NetScout Systems, Inc. Service Provider Product and Support Price List NETSCOUT053427 – NETSCOUT053486
PTX747				Amendment No. 3 to the Software Integration License Agreement between NetScout and Procera Networks
PTX762				NAVL Active Customer List PROCERA008963
PTX763				Procera + Sandvine The Merger and NAVL PROCERA008227 – PROCERA008242
PTX777				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2014
PTX778				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2015
PTX779				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2016
PTX780				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2019
PTX781				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2008
PTX782				NetScout Systems, Inc. SEC Form 10-K for the fiscal year ended March 31, 2018
PTX793				NetScout Systems, Inc. SEC Form 8-K dated October 12, 2014
PTX794				NetScout Systems, Inc. SEC Form 8-K dated May 14, 2015

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PTX795					NetScout Systems, Inc. SEC Amendment No. 3 to Form S-4 Registration Statement dated April 6, 2015
PTX796					NetScout Systems, Inc. SEC Form 8-K dated July 14, 2015
PTX797					Closing Agreement among Danaher Corporation, Potomac Holding LLC, NetScout Systems, Inc., RS Merger Sub I, Inc., and RS Merger Sub II, LLC dated July 14, 2015
DX-453					NetScout Produced Source Code
DX454					NetScout source code cited in Dr. Jeffay's Rebuttal Report
DX464					NetScout source code cited in Dr. Jeffay's Rebuttal Report